

Page 1 of 20
Permit No. ST-7443
Issuance Date: August 11, 2004
Effective Date: August 11, 2004
Expiration Date: August 11, 2009

STATE WASTE DISCHARGE PERMIT Number ST-7443

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office
3190 – 160th Avenue SE
Bellevue, WA 98008-5452

In compliance with the provisions of the
State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington, as amended,
and
the Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.,
authorizes

E-Coating Solutions, LLC
19214 – 62nd Avenue NE
Arlington, WA 98223

to discharge waste water in accordance with the Special and General Conditions which follow.

Facility Address:

19214 – 62nd Avenue NE
Arlington, WA 98223

Discharge Location:

Latitude: 48° 10' 16" N
Longitude: 122° 09' 00" W

Publicly Owned Treatment Works (POTW) Receiving Discharge:

City of Arlington (WA-002256-0)

Industry Type: Phosphating of Metal and
Metal Products

Categorical Industrial User

SIC Code: 3479

Kevin C. Fitzpatrick
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

TABLE OF CONTENTS

SUMMARY OF PERMIT REPORT SUBMITTALS.....	4
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SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS	5
S2. MONITORING REQUIREMENTS	7
A. Wastewater Monitoring	
B. Sampling and Analytical Procedures	
C. Flow Measurement	
D. Laboratory Accreditation	
S3. REPORTING AND RECORDKEEPING REQUIREMENTS	7
A. Reporting	
B. Records Retention	
C. Recording of Results	
D. Additional Monitoring by the Permittee	
E. Noncompliance Notification	
F. Dangerous Waste Discharge Notification	
G. Spill Notification	
S4. OPERATION AND MAINTENANCE.....	9
A. Bypass Procedures	
B. Best Management Practices/Pollution Prevention Program	
S5. PROHIBITED DISCHARGES.....	12
A. General Prohibitions	
B. Specific Prohibitions	
C. Prohibited Unless Approved	
S6. DILUTION PROHIBITED.....	13
S7. SOLID WASTE DISPOSAL.....	14
A. Solid Waste Handling	
B. Leachate	
C. Solid Waste Control Plan	
S8. NONROUTINE AND UNANTICIPATED DISCHARGES	14
S9. SPILL PLAN	15
S10. SLUG DISCHARGE CONTROL PLAN.....	15
S11. TOXIC ORGANIC MANAGEMENT PLAN.....	16
S12. SUBMITTAL OF ANALYTICAL RESULTS FOR SAMPLES OF ROUTINE BATCH DISCHARGES.....	17

GENERAL CONDITIONS

G1.	SIGNATORY REQUIREMENTS.....	18
G2.	RIGHT OF ENTRY	18
G3.	PERMIT ACTIONS.....	19
G4.	REPORTING A CAUSE FOR MODIFICATION	19
G5.	PLAN REVIEW REQUIRED	19
G6.	COMPLIANCE WITH OTHER LAWS AND STATUTES.....	19
G7.	DUTY TO REAPPLY	19
G8.	PERMIT TRANSFER	20
G9.	REDUCED PRODUCTION FOR COMPLIANCE	20
G10.	REMOVED SUBSTANCES	20
G11.	PAYMENT OF FEES.....	20
G12.	PENALTIES FOR VIOLATING PERMIT CONDITIONS	20

SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S1.	TTO Certification Statement	Monthly	September 15, 2004
S3.A.	Discharge Monitoring Report	Monthly	September 15, 2004
S7.C.	Solid Waste Control Plan	1/permit cycle	November 15, 2004
S7.C.	Solid Waste Control Plan Update	As necessary	Within thirty (30) days of adoption of modification to plan
S.8.	Description of Nonroutine and Unanticipated Discharges	As necessary	Prior to Discharge
S9.	Spill Plan	1/permit cycle	November 15, 2004
S9.	Spill Plan Update	As necessary	Within thirty (30) days of adoption of modification to plan
S10.	Slug Discharge Control Plan	1/permit cycle	November 15, 2004
S10.	Slug Discharge Control Plan Update	As necessary	Within thirty (30) days of adoption of modification to plan
S11.	Toxic Organic Management Plan	1/permit cycle	November 15, 2004
S11.	Toxic Organic Management Plan	As necessary	Within thirty(30) days of adoption of modification to plan
S12.	Analytical Results of Samples of Routine Batch Discharges	One time	October 15, 2005
G7.	Application for Permit Renewal	1/permit cycle	February 11, 2009

SPECIAL CONDITIONS

S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. The discharge of any of the following pollutants more frequently than, or at a concentration in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to discharge wastewater to City of Arlington sanitary sewer system subject to the following limitations:

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS				
Parameter	Effluent Limitations		Monitoring Requirements ^g	
	Maximum For Any One Day ^a	Monthly Average ^b	Minimum Frequency	Sample Type
Flow, Process, gpd	5000	N/A	Daily	Metered
Cyanide(T) ^c , mg/L	1.20	0.65	Once each six months ^{i,j}	Grab
Cadmium(T) ^d , mg/L	0.10	0.07	Once each six months ^{i,j}	Composite ^e
Chromium(T) ^d , mg/L	2.4	1.71	Monthly ^j	Composite ^e
Copper(T) ^d , mg/L	2.0	2.0	Monthly ^j	Composite ^e
Lead(T) ^d , mg/L	0.69	0.43	Once each six months ^{i,j}	Composite ^e
Nickel(T) ^d , mg/L	2.3	2.38	Monthly ^j	Composite ^e
Silver(T) ^d , mg/L	0.43	0.24	Once each six months ^{i,j}	Composite ^e
Zinc(T) ^d , mg/L	2.61	1.48	Monthly ^j	Composite ^e
TTO ^f , mg/L	2.13	N/A	N/A (submittal of TOMP authorized in lieu of sampling) ^f	Grab
pH ^h , standard pH units	Not outside the range of 6.0 to 9.0	N/A	Four times each day	Grab
^a The “maximum for any one day” is defined as the greatest allowable discharge for any calendar day. Parameters with sampling frequency of once per month or less frequently shall be subject to the monthly average standard, as well as the maximum for any one day. For pollutants with limitations expressed in units of mass or volume, the daily discharge is calculated as the total mass or volume of the pollutant discharged over the day.				
^b The monthly average effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.				
^c “T” following “Cyanide” indicates total cyanide as opposed to cyanide amenable to chlorination. The cyanide sample must be properly preserved with ascorbic acid and sodium hydroxide to a pH of greater than 12.0. See handling and preservation under EPA Method 335.2.				

d	"T" following the name of a metal indicates total as opposed to dissolved.
e	Daily composite samples shall consist of a minimum of eight time proportional or flow proportional composite samples collected throughout the day from a well-mixed effluent chamber.
f	<p>Organic chemicals comprising TTO's are listed in 40 CFR 433.11(e). The term "TTO" shall mean the summation of all quantifiable values greater than 0.01 mg/L for the listed compounds. The Permittee is authorized to submit the following TTO Certification Statement once per month with the submittal of discharge monitoring reports, in lieu of monitoring for TTO's. If the Permittee does not submit a toxic organic management plan in accordance with this provision, the Permittee is required to monitor and report for TTO on the monthly discharge monitoring report, one time each six months.</p> <p>TTO Certification Statement:</p> <p>"Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that, to the best of my knowledge, and belief, no dumping of concentrated toxic organic compounds into wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Washington State Department of Ecology."</p> <p>Responsible Official _____ Date _____</p>
g	All samples shall be collected at the discharge point of the industrial wastewater collection tank prior to addition of noncontact cooling water, domestic wastewater, or any other nonindustrial wastewater flows.
h	<p>pH monitoring shall be conducted by means of a pH meter. The meter shall be calibrated at a frequency in accordance with the manufacturer's instructions. pH shall be measured at least for times each day and the results entered into a pH log.</p> <p>Alternatively, the Permittee is authorized to monitor pH continuously employing a continuously recording pH meter. Continuous means uninterrupted except for brief lengths of time for calibration, for power failure, or for unanticipated equipment repair or maintenance. If such a system is installed, a grab sample shall be monitored daily when continuous monitoring is not possible.</p> <p>The limitation for pH indicates the range of permitted values. However, when pH is continuously monitored, excursions between 3.5 and 6.0, or 9.0 and 12.0 shall not be considered to be violations (and need not be reported on discharge monitoring reports), provided that no single such excursion exceeds 15 minutes in length and the duration of total excursions does not exceed 7 hours and 36 minutes in the applicable month. No more than two such excursions, in seven consecutive days in which operations occur, shall be eligible for treatment under this exclusion. Any excursions below 3.5 or above 12.0 are violations, regardless of duration.</p> <p>The Permittee shall adjust the pH of any batch discharges (including, but not limited to batch discharges of the contents of the alkaline cleaning tank, sealer tank, or zinc phosphate conditioner tank) to comply with permit pH limitations, prior to introducing the batch discharge into the final wastewater collection tank.</p>
i	When samples are required to be collected two times per year, the first sample shall be collected during the period January through June of each year. The second sample shall be collected during the period July through December of each year.
j	If one or more batch discharges are being made to the wastewater collection tank, during an applicable sampling period, the required composite sample for cyanide and metals must be collected on a day that one of the batch discharges is occurring. (Note: See Parts S8 and S12 for additional sampling requirements for batch discharges.).

S2. MONITORING REQUIREMENTS**A. Wastewater Monitoring**

The Permittee shall monitor the waste water according to the requirements set forth in Part S1, as well as the following requirements.

B. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements is consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three (3) years.

D. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, pH, and internal process control parameters are exempt from this requirement.

S3. REPORTING AND RECORDKEEPING REQUIREMENTS

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by the Department, and be received no later than the 15th day of the month following the completed reporting period, unless otherwise specified in this permit. The report(s) shall be sent to the Department of Ecology, Northwest Regional Office, 3190 -160th Avenue SE, Bellevue, WA 98008-5452.

Discharge monitoring report forms must be submitted monthly whether or not the facility was discharging. The Permittee is required to submit one set of discharge monitoring reports for each month. If there was no discharge or the facility was not operating during a given monitoring period, the Permittee is required to submit the form as required with the words "no discharge" entered in place of the monitoring results. Reports are due January 15th, February 15th, March 15th, April 15th, May 15th, June 15th, July 15th, August 15th, September 15th, October 15th, November 15th, and December 15th of each year. The first report is due September 15, 2004.

The Permittee is required to notify the City of Arlington POTW staff at least one hour prior to commencement of any batch discharge.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2 of this permit, then the results of this monitoring shall be included in calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, and correct the problem;
2. Repeat sampling and analysis of any violation and submit the results to the Department within thirty (30) days after becoming aware of the violation;
3. Immediately notify the Department and the local sewage treatment plant manager of the failure to comply; and
4. Submit a detailed, written report to the Department within thirty (30) days (five [5] days for upsets and bypasses), unless requested earlier by the Department. The report should describe the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

F. Dangerous Waste Discharge Notification

The Permittee shall notify the POTW and the Department in writing of the intent to discharge into the POTW any substance designated as a dangerous waste in accordance with the provisions of WAC 173-303-070. This notification shall be made at least ninety (90) days prior to the date that discharge is proposed to be initiated.

G. Spill Notification

The Permittee shall notify the POTW immediately (as soon as discovered) of all discharges that could cause problems to the POTW, such as process spills and unauthorized discharges (including slug discharges).

S4. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Bypass Procedures

The Permittee shall immediately notify the Department and the receiving POTW of any spill, overflow, or bypass from any portion of the collection or treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. Unavoidable Bypass—Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. “Severe property damage” means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

If the resulting bypass from any portion of the treatment system results in noncompliance with this permit, the Permittee shall notify the Department and the receiving POTW in accordance with Condition S3.E “Noncompliance Notification.”

2. Anticipated Bypass That Has the Potential to Violate Permit Limits or Conditions—Bypass is authorized by an Administrative Order issued by the Department. The Permittee shall notify the Department and the POTW at least thirty (30) days before the planned date of bypass. The notice shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Department will consider the following prior to issuing an administrative order:
 - a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of the permit.
 - b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
 - c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.120.

3. Bypass For Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions—Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of the permit, a violation of a pretreatment standard or requirement, or adversely impact public health as determined by the Department prior to the bypass.

B. Best Management Practices/Pollution Prevention Program

1. Chemical Storage

Solid chemicals, chemical solutions, paints, oils, solvents, acids, caustic solutions and waste materials, including used batteries, shall be stored in a manner which will prevent the inadvertent entry of these materials into the sanitary sewer or waters of the state, including ground waters, and in a manner that will prevent spillage by overfilling, tipping, or rupture. In addition, the following practices shall be used:

- a. All liquid products shall be stored on durable impervious surfaces and behind berms;
 - b. Chemicals shall be stored and dispensed only in roofed and bermed areas to eliminate potential spills to waters of the state or contamination of stormwater runoff;
 - c. Any tank containing chemical solutions shall be located in a bermed, diked, or no-outlet, area that will prevent chemical loss to waters of the state or the sanitary sewer;
 - d. The Permittee must contain all quenching, hydraulic, machining and lubricating oils to prevent spills, or loss to waters of the state or the sanitary sewer;
 - e. Waste liquids shall be stored under cover, such as tarpaulins or roofed structures, or in a closed vessel;
 - f. Incompatible or reactive materials shall be segregated and securely stored in separate containment areas that prevent the mixing of chemicals; and
2. Concentrated waste or spilled chemicals shall be disposed of at a facility approved by the Department of Ecology or appropriate county health department in accordance with the solid waste disposal plan requirements of this permit. These materials shall not be discharged to any sewer or state water.

3. Sludges and scale from the dip tanks shall be disposed of in an approved manner other than to the sewer system and other than to a state watercourse.
4. Discharge of concentrated organic solvents to the sewer system is prohibited.
5. In the event that a spill should occur within the process area, any spill control valves shall be closed to prevent the entry of concentrated chemicals to the sanitary sewers.
6. All industrial wastes containing pollutants must be treated using all known available and reasonable methods for treatment prior to discharge to the sanitary sewer.
7. The Permittee shall adjust the pH of any batch discharges (including, but not limited to batch discharges of the contents of the alkaline cleaning tank, sealer tank, or zinc phosphate conditioner tank) to comply with permit pH limitations, prior to introducing the batch discharge into the final wastewater collection tank.

S5. PROHIBITED DISCHARGES

A. General Prohibitions

The Permittee shall not introduce into the POTW pollutant(s) which cause pass-through or interference.

B. Specific Prohibitions

In addition, the following shall not be introduced into the POTW:

1. Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, waste streams with a closed cup flashpoint of less than 60° C (140° F) using the test methods specified in 40 CFR 261.21;
2. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;
3. Any pollutant, including oxygen-demanding pollutants (BOD, etc.), released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW;

4. Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40° C (104° F) unless the approval authority, upon request of the POTW, approves alternative temperature limits;
5. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass-through;
6. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
7. Any trucked or hauled pollutants, except at discharge points designated by the POTW; and
8. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0 or greater than 11.0, unless the works is specifically designed to accommodate such discharges.

C. Prohibited Unless Approved

1. Any of the following discharges are prohibited unless approved by the Department under extraordinary circumstances (such as a lack of direct discharge alternatives due to combined sewer service or a need to augment sewage flows due to septic conditions):
 - a. Noncontact cooling water in significant volumes;
 - b. Storm water and other direct inflow sources; and
 - c. Wastewaters significantly affecting system hydraulic loading, which do not require treatment or would not be afforded a significant degree of treatment by the system.
2. Unless specifically authorized in this permit, the discharge of dangerous wastes as defined in Chapter 173-303 WAC, is prohibited.

S6. DILUTION PROHIBITED

The Permittee shall not dilute the wastewater discharge with storm water or increase the use of potable water, process water, noncontact cooling water, or, in any way, attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

S7. SOLID WASTE DISPOSAL**A. Solid Waste Handling**

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground water, surface water, or a POTW.

B. Leachate

The Permittee shall not allow leachate from its solid waste material to enter state waters without providing all known available and reasonable methods of treatment, nor allow such leachate to cause violations of the state surface water quality standards, Chapter 173-201A WAC, or the state ground water quality standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

C. Solid Waste Control Plan

The Permittee shall submit a solid waste control plan to the Department no later than November 15, 2004. This plan shall include all solid wastes with the exception of those solid wastes regulated by Chapter 173-303 WAC (Dangerous Waste Regulations). The plan shall include, at a minimum, a description, source, generation rate, and disposal methods of these solid wastes. This plan shall not be at variance with any approved local solid waste management plan. The Permittee shall periodically review the solid waste control plan for purposes of achieving compliance with the requirements of this permit, and shall update the plan as necessary. Any proposed revision or modification of the solid waste handling plan must be submitted to the Department within thirty (30) days of adoption of the modifications. The Permittee shall comply with the plan and any modifications thereof.

S8. NONROUTINE AND UNANTICIPATED DISCHARGES

Beginning on the effective date of this permit, the Permittee may discharge nonroutine wastewater to the sanitary sewer on a case-by-case basis if approved by the Department. Prior to any such discharge, the Permittee shall contact the Department and **at a minimum** provide the following information:

1. The nature of the activity that is generating the discharge.
2. Any alternatives to the discharge, such as reuse, storage, or recycling of the water.
3. The total volume of water expected to be discharged.
4. The results of the chemical analysis of the water. The water shall be analyzed for all constituents limited for the Permittee's discharge. All discharges must comply with the effluent limitations as established in Condition S1 of this permit, and any other limitations imposed by the Department.
5. The date of proposed discharge and the rate at which the water will be discharged, in gallons per minute.

The discharge cannot proceed until the Department has reviewed the information provided and has authorized the discharge. Authorization from the Department will be by letter to the Permittee or by an administrative order.

S9. SPILL PLAN

No later than November 15, 2004, the Permittee shall submit to the Department a spill prevention and control plan for the prevention, containment, and control of spills or unplanned releases. The Permittee shall review the plan at least annually and update the spill prevention and control plan as needed. Changes to the plan shall be sent to the Department within thirty (30) days of their adoption. The plan and any supplements shall be followed throughout the term of the permit.

The updated spill control plan shall include the following:

1. A description of operator training to implement the plan;
2. A description of the reporting system which will be used to alert responsible managers and legal authorities in the event of a spill;
3. A description of preventive measures and facilities (including an overall facility plot showing drainage patterns) intended to prevent, contain, or treat spills of these materials; and
4. A list of all oil and petroleum products, materials, which when spilled, or otherwise released into the environment, are designated dangerous waste (DW) or extremely hazardous waste (EHW) by the procedures set forth in WAC 173-303-070, or other materials which may become pollutants or cause pollution upon reaching state's waters.

Plans and manuals required by 40 CFR Part 112, contingency plans required by Chapter 173-303 WAC, or other plans required by other agencies which meet the intent of this section may be submitted.

S10. SLUG DISCHARGE CONTROL PLAN

No later than November 15, 2004, the Permittee shall prepare and submit to the Department a plan to minimize the potential of slug discharges from the facility covered by this permit. Such plan shall include the following information and procedures relating to the prevention of unauthorized slug discharges:

1. A description of a reporting system to be used to immediately notify facility management, the POTW operator, and appropriate state, federal, and local authorities of any slug discharges, and provisions to provide a written follow-up report within five (5) days;
2. A description of operator training, equipment, and facilities (including overall facility plan) for preventing, containing, or treating slug discharges;

3. A list of all raw materials, products, chemicals, and hazardous materials used, processed, or stored at the facility; the normal quantity maintained on the premises for each listed material; and a map showing where they are located;
4. A description of discharge practices for batch and continuous processes under normal and nonroutine circumstances;
5. A brief description of any unauthorized discharges which occurred during the 36-month period preceding the effective date of this permit and subsequent measures taken by Permittee to prevent or to reduce the possibility of further unauthorized discharges; and
6. An implementation schedule including additional operator training and procurement and installation of equipment or facilities required to properly implement the plan.

The Permittee shall review its slug discharge control plan and update it as needed but no less than once every two (2) years. All revisions or updates of this plan shall be submitted to the Department within thirty (30) days of their adoption. The current plan shall be maintained on the plant site and be readily available to facility personnel.

If required to also complete a spill plan as described in S9. SPILL PLAN, the Permittee may combine it with the slug discharge control plan described in this section.

S11. TOXIC ORGANIC MANAGEMENT PLAN

No later than November 15, 2004, the Permittee shall submit a toxic organic management plan to the Department.

The Permittee shall maintain, and implement, an adequate toxic organic management plan. The Permittee shall periodically review the plan for adequacy, and update it as necessary. The Permittee is required to submit any modifications to the plan to the Department no later than thirty (30) days following adoption of such modifications. Toxic organic compounds for the purposes of this plan shall include not only those compounds listed under 40CFR Part 433.11, but also any other organic compounds such as ketones, aromatics, or halogenated hydrocarbon compounds, which, when present in aqueous solutions at concentrations of greater than ten percent by weight, are toxic to aquatic life. The Permittee may submit the toxic organic management plan as part of the spill prevention plan.

The toxic organic management plan shall, at a minimum, contain the following items:

1. A description of storage and handling measures to be employed to prevent or minimize entry of toxic organic compounds into the environment;
2. A description of measures to be employed for minimization of use of toxic organic compounds. Such measures may include, but are not limited to, distillation and reuse, recycling, substitution by alkaline cleaning operations, and substitution by less toxic compounds.
3. Plans for training employees regarding the contents of the toxic organic management plan.

S12. SUBMITTAL OF ANALYTICAL RESULTS FOR SAMPLES OF ROUTINE BATCH DISCHARGES

The Permittee shall sample and analyze at least four of each type (e.g. conditioner bath, sealer bath, alkaline cleaner bath, etc.) of batch discharge made to the sanitary sewer for cadmium, copper, chromium, lead, nickel, and zinc, **prior to** the batch being transferred to the wastewater collection tank, during the first year of the duration of this permit. If the Permittee discharges less than four batches of a certain type during the first year of the duration of this permit, the Permittee is required to sample only the number of discharges of the batches of that type made during the first year of the permit.

No later than October 15, 2005, the Permittee shall submit to the Department the laboratory analytical reports for all of the batches sampled. If the Permittee takes more than the minimum number of samples, the Permittee must submit the laboratory results for **all** such batches analyzed.

To the extent that such batches occur at least two times per year, the batches shall not be considered to be subject to the requirements of Part S8 (Nonroutine and Unanticipated Discharges) of this permit.

The Permittee shall not discharge batches which, prior to mixture with other wastewaters, exceed hazardous waste criteria.

This provision is not applicable to discharges of zinc phosphate process bath. Discharges of zinc phosphate process bath are subject to the provisions of Part S8 (Nonroutine and Unanticipated Discharges) of this permit.

GENERAL CONDITIONS

G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed as follows:

- A. All permit applications shall be signed by either a principal executive officer or ranking elected official.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - 1. The authorization is made in writing by the person described above and is submitted to the Department at the time of authorization, and
 - 2. The authorization specifies either a named individual or any individual occupying a named position.
- C. Changes to authorization. If an authorization under paragraph B.2, above, is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

G2. RIGHT OF ENTRY

Representatives of the Department shall have the right to enter at all reasonable times in or upon any property, public or private, for the purpose of inspecting and investigating conditions relating to the pollution or the possible pollution of any waters of the state. Reasonable times shall include normal business hours; hours during which production, treatment, or discharge occurs; or times when the Department suspects a violation requiring immediate inspection. Representatives of the Department shall be allowed to have access to, and copy at reasonable cost, any records required to be kept under terms and conditions of the permit; to inspect any monitoring equipment or method required in the permit; and to sample the discharge, waste treatment processes, or internal waste streams.

G3. PERMIT ACTIONS

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

G4. REPORTING A CAUSE FOR MODIFICATION

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a new or increased discharge or change in the nature of the discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least sixty (60) days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

G5. PLAN REVIEW REQUIRED

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least one hundred and eighty (180) days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

G6. COMPLIANCE WITH OTHER LAWS AND STATUTES

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

G7. DUTY TO REAPPLY

The Permittee must apply for permit renewal at least one hundred and eighty (180) days prior to the specified expiration date of this permit.

G8. PERMIT TRANSFER

This permit is automatically transferred to a new owner or operator if:

- A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to the Department;
- B. A copy of the permit is provided to the new owner and the receiving POTW is notified; and
- C. The Department does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to Section A, above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by the Department.

G9. REDUCED PRODUCTION FOR COMPLIANCE

The Permittee shall control production or discharge to the extent necessary to maintain compliance with the terms and conditions of this permit upon reduction of efficiency, loss, or failure of its treatment facility until the treatment capacity is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power for the treatment facility is reduced, lost, or fails.

G10. REMOVED SUBSTANCES

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the effluent stream for discharge.

G11. PAYMENT OF FEES

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

G12. PENALTIES FOR VIOLATING PERMIT CONDITIONS

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.